CONTROL PANEL LAYOUT
&
WIRING DIAGRAMS

WASHER MODEL: SW6000 Series

DRAWING LIST:

No.	Drawing No.	Description	Remarks
1	6000–TITLE	TITLE PAGE	
2	6000–SYS	SYSTEM CONFIGURATION	
3	6000–PNL	PANEL LAYOUT: FRONT & BACK PLATE VIEW	
4	6000–MP	HIGH VOLTAGE POWER DISTRIBUTION	
5	6000–CP	CONTROL POWER DISTRIBUTION: 120VAC / 24VDC	
6	6000–DI–0	PLC INPUT CARD DI–0 (20 Point, 24VDC SINK)	
7	6000–AI–3	PLC INPUT CARD AI–3 (4 CH, T/C INPUT)	
8	6000–DI–4	PLC INPUT CARD DI–4 (16 Point, 24VDC SINK)	optional
9	6000–DO–0	PLC OUTPUT CARD DO–0 (12Point, 24VDC)	
10	6000–DO–1	PLC OUTPUT CARD DO–1 (16Point, 24VDC)	
11	6000–DO–2	PLC OUTPUT CARD DO–2 (8Point, 120VAC, RELAY)	
12			
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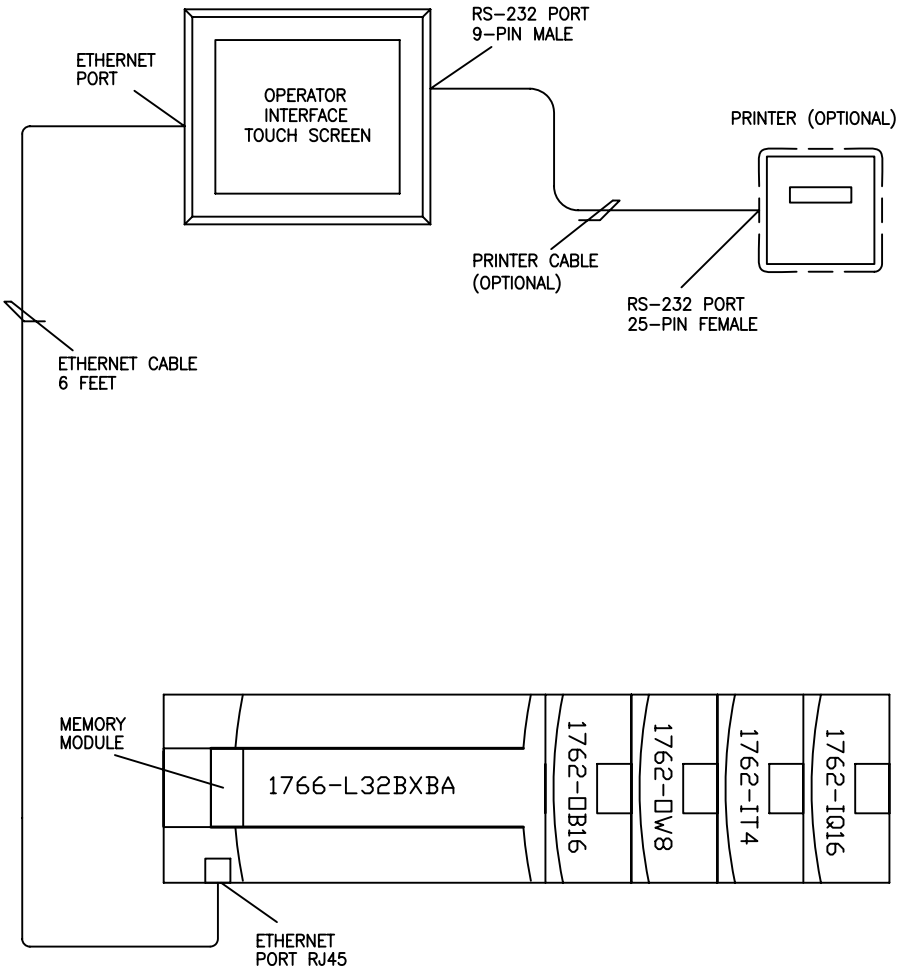
WASHER CONTROL SYSTEM
SW 6000 Series

TITLE PAGE

DWG No. 6000–TITLE



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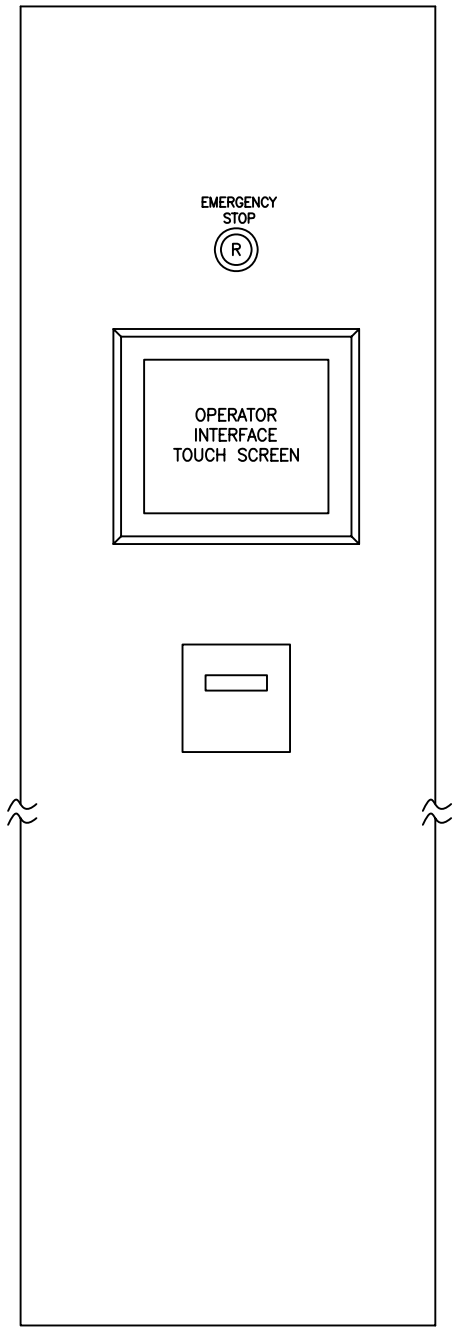
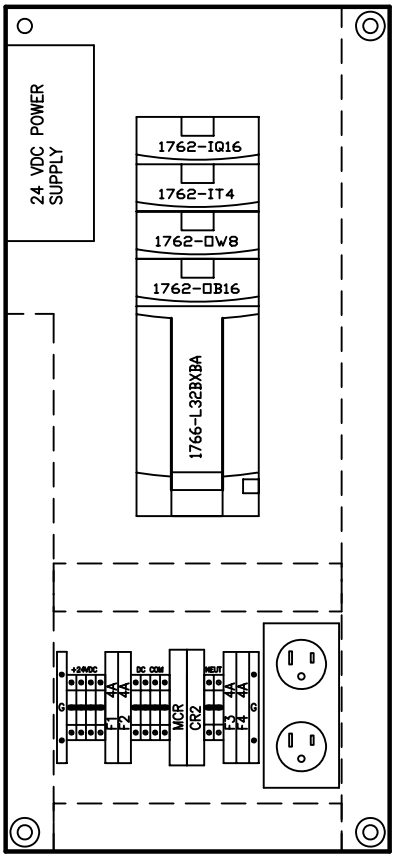
WASHER CONTROL SYSTEM
SW 6000 Series

SYSTEM CONFIGURATION

DWG No. 6000-SYS



< FRONT VIEW >



< BACK PLATE VIEW >

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SW 6000 Series

PANEL LAYOUT

DWG No. 6000-PNL

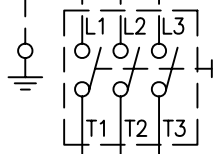
BY OTHERS

POWER SUPPLY:
208 VAC, 40 A(Min), 3~, 60Hz

Supply must be provided in Sealtite Flex conduit.

Connect power to L1,L2,L3 terminals on disconnect switch DS1

Follow all applicable codes and practices regarding final connections (wire sizing, fused disconnect switch, etc.). Responsibility herein lies with the installation company, and not with equipment manufacturer.



DS1
Part No. 16-0271
ABB-0T32E3P265

CB1
Part No. 40-1235
3 A

TRANSFORMER
208 / 120 VAC
500 VA

H1
H2
X1
X2

120VAC TO
PLC CONTROL PANEL
SEE DWG # 6000-CP

C1 (PN 40-0301 & 40-0306)

0:0/00
A1
A2
DC COM
L1
L2
L3
T1
T2
T3
I:0/11
13
14
+24VDC

M1

WASH PUMP MOTOR
3PH, 208VAC, 7.5HP
FLA=21A

C1 (PN 40-0300 & 40-0304)

0:0/01
A1
A2
DC COM
L1
L2
L3
T1
T2
T3
I:0/12
13
14
+24VDC

M2

DRYER FAN MOTOR
3~, 208VAC, 3/4HP
FLA=2.8A

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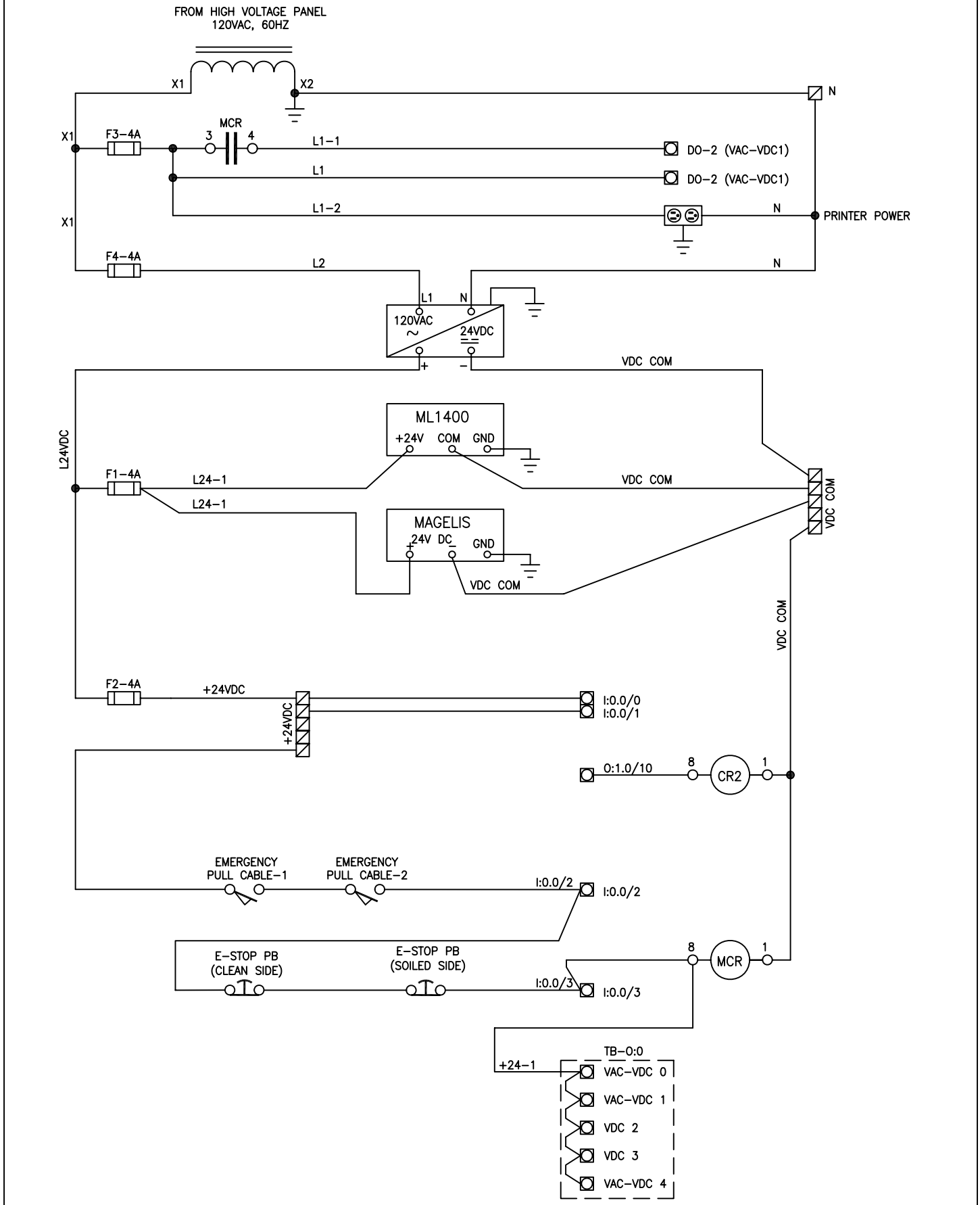
WASHER CONTROL SYSTEM
SW 6100 Series

MAIN POWER 3~ 208V

DWG No. 6000-MP



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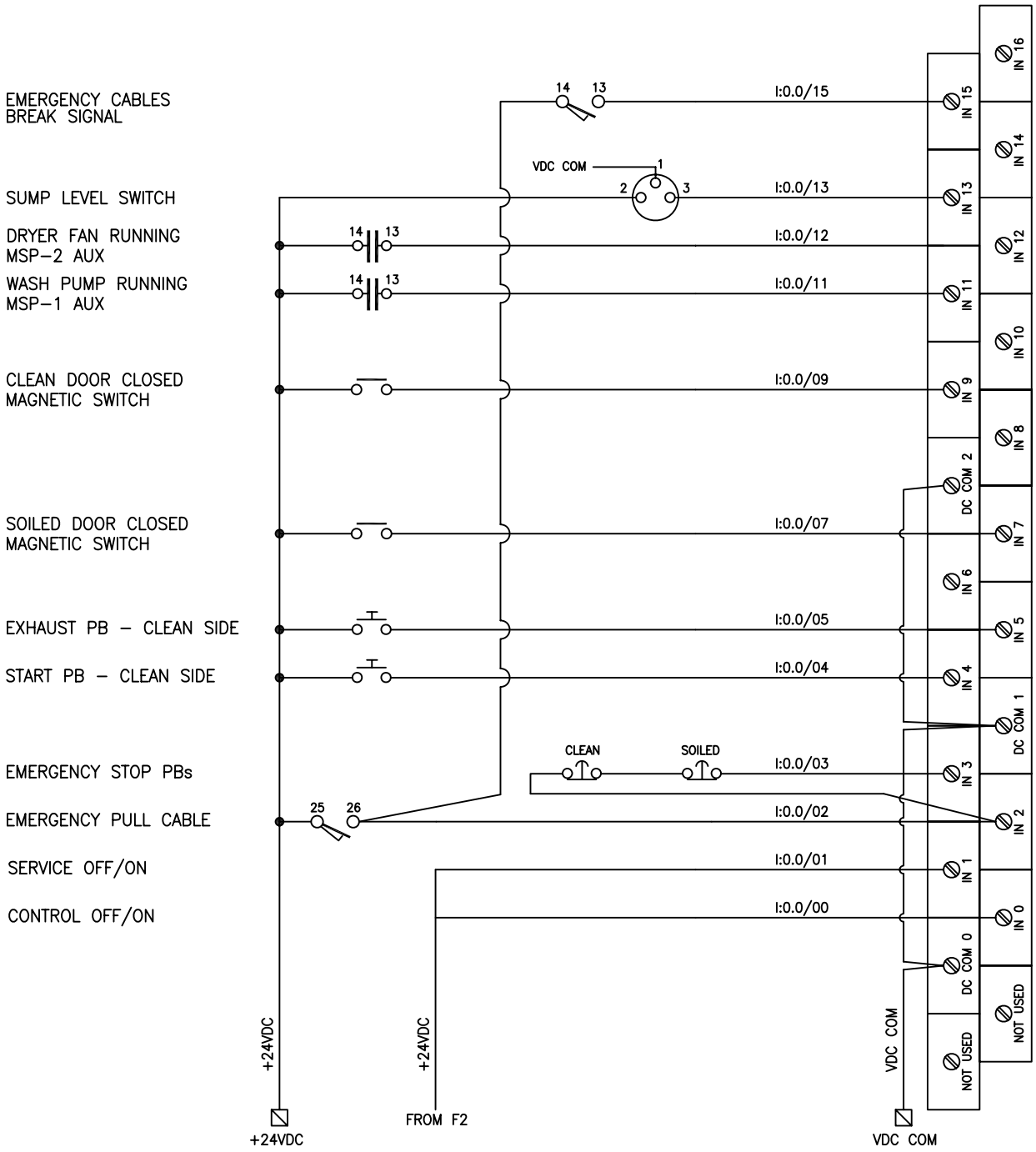
WASHER CONTROL SYSTEM
SW 6000 Series

CONTROL POWER DISTRIBUTION

DWG No. 6000-CP



(LEGEND)
— — — OPTIONAL: USE IF REQUIRED

INPUTS: 1766-32BXBA

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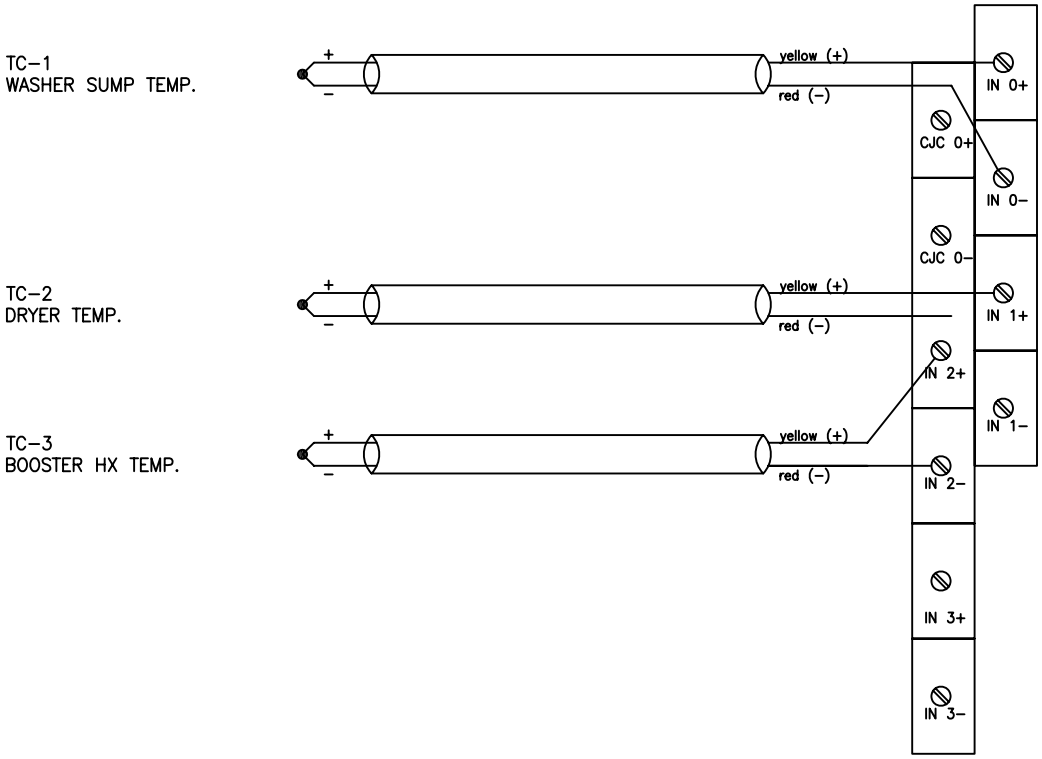
WASHER CONTROL SYSTEM
SW 6000 Series

PLC INPUT CARD DI-0

DWG No. 6000-DI-0



(LEGEND)
— — — OPTION: USE IF REQUIRED

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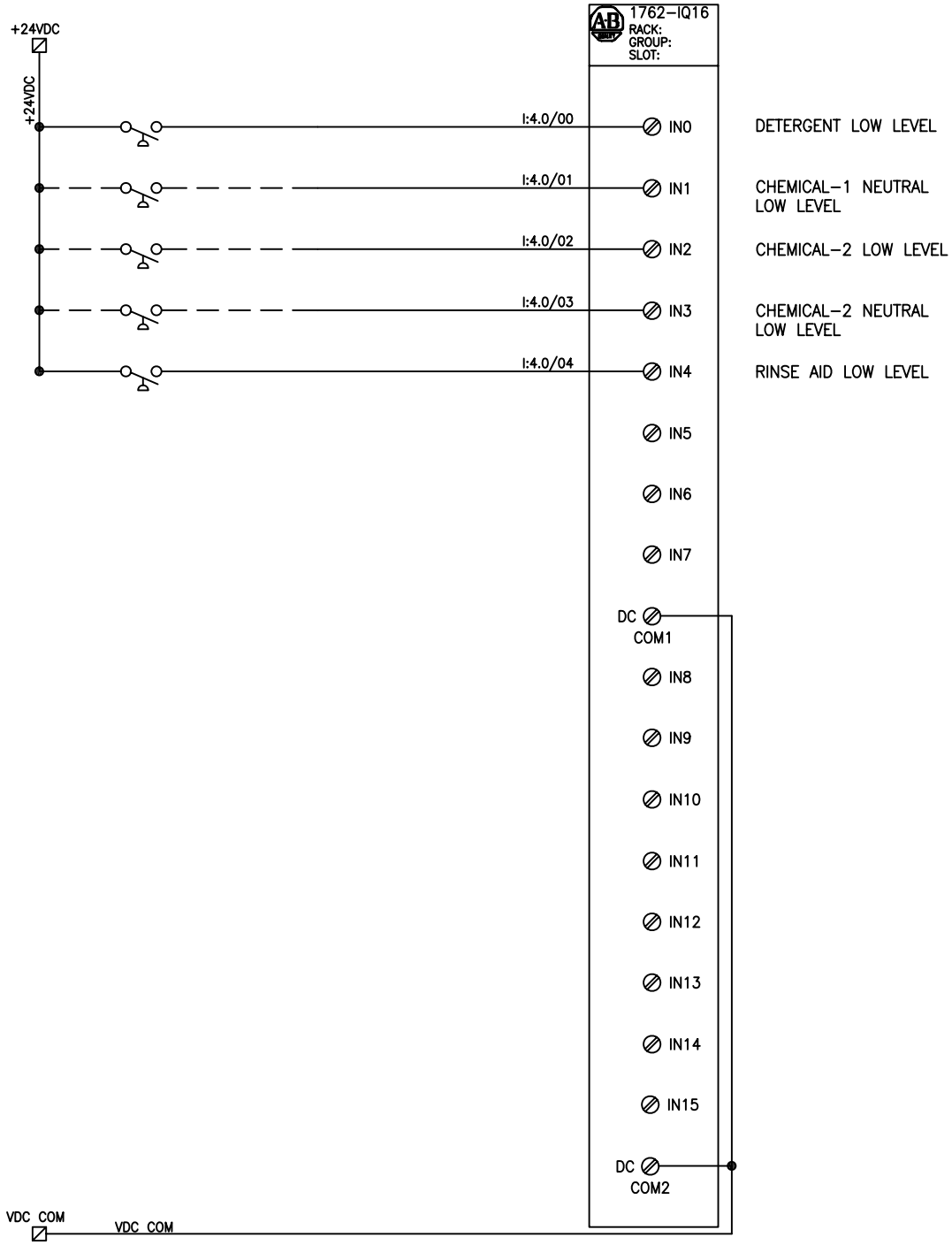
WASHER CONTROL SYSTEM
SW 6000 Series

PLC INPUT CARD AI-3

DWG No. 6000-AI-3

(LEGEND)
—— —— OPTIONAL: USE IF REQUIRED



THIS CARD IS NOT INSTALLED
IF CHEMICAL LEVEL SWITCHES
NOT USED.

INPUTS: 1769-IQ16

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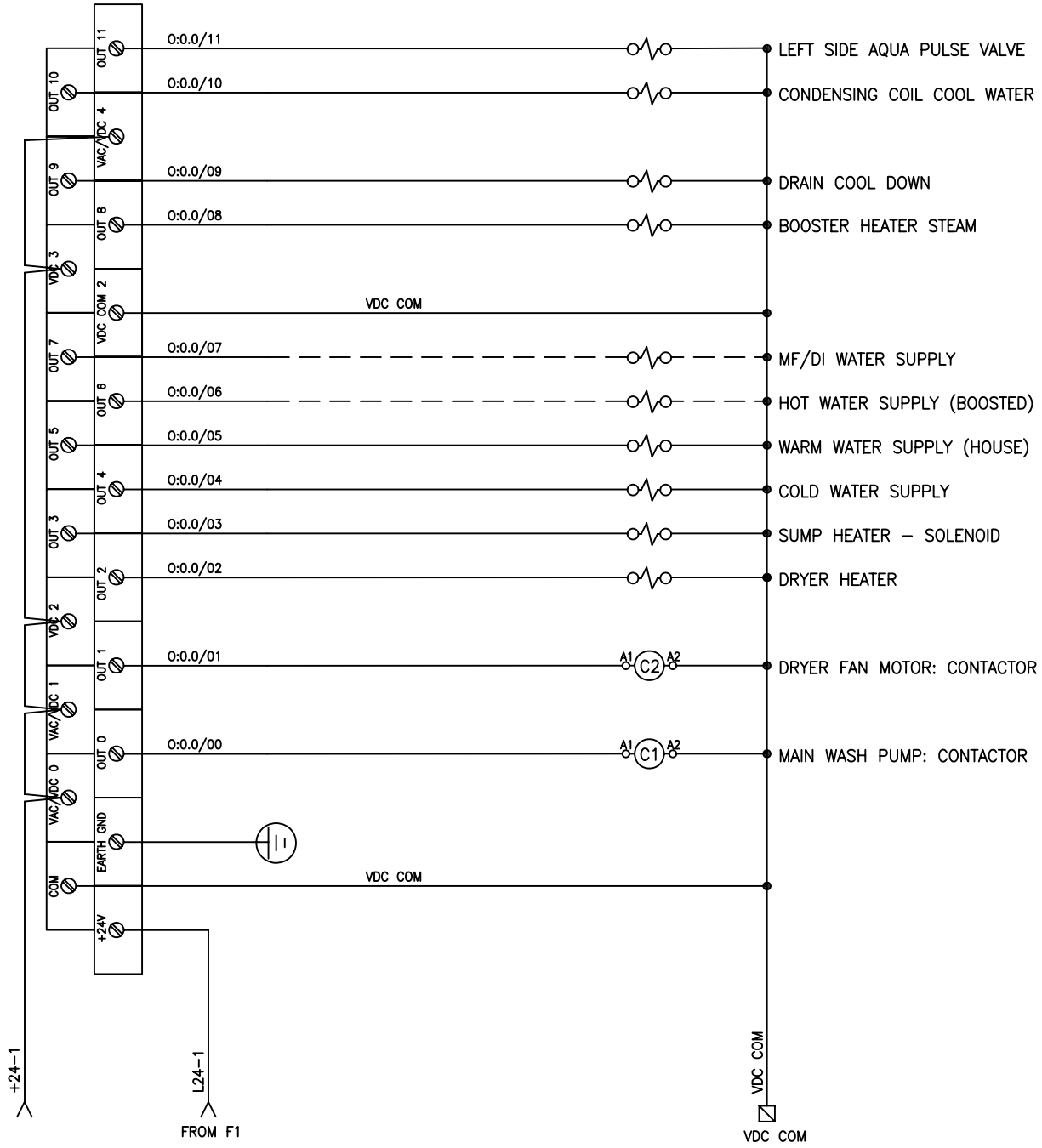
WASHER CONTROL SYSTEM
SW 6000 Series

PLC INPUT CARD DI-4

DWG No. 6000-DI-4

(LEGEND)
— — — OPTIONAL: USE IF REQUIRED



OUTPUTS: 1762–28BXB

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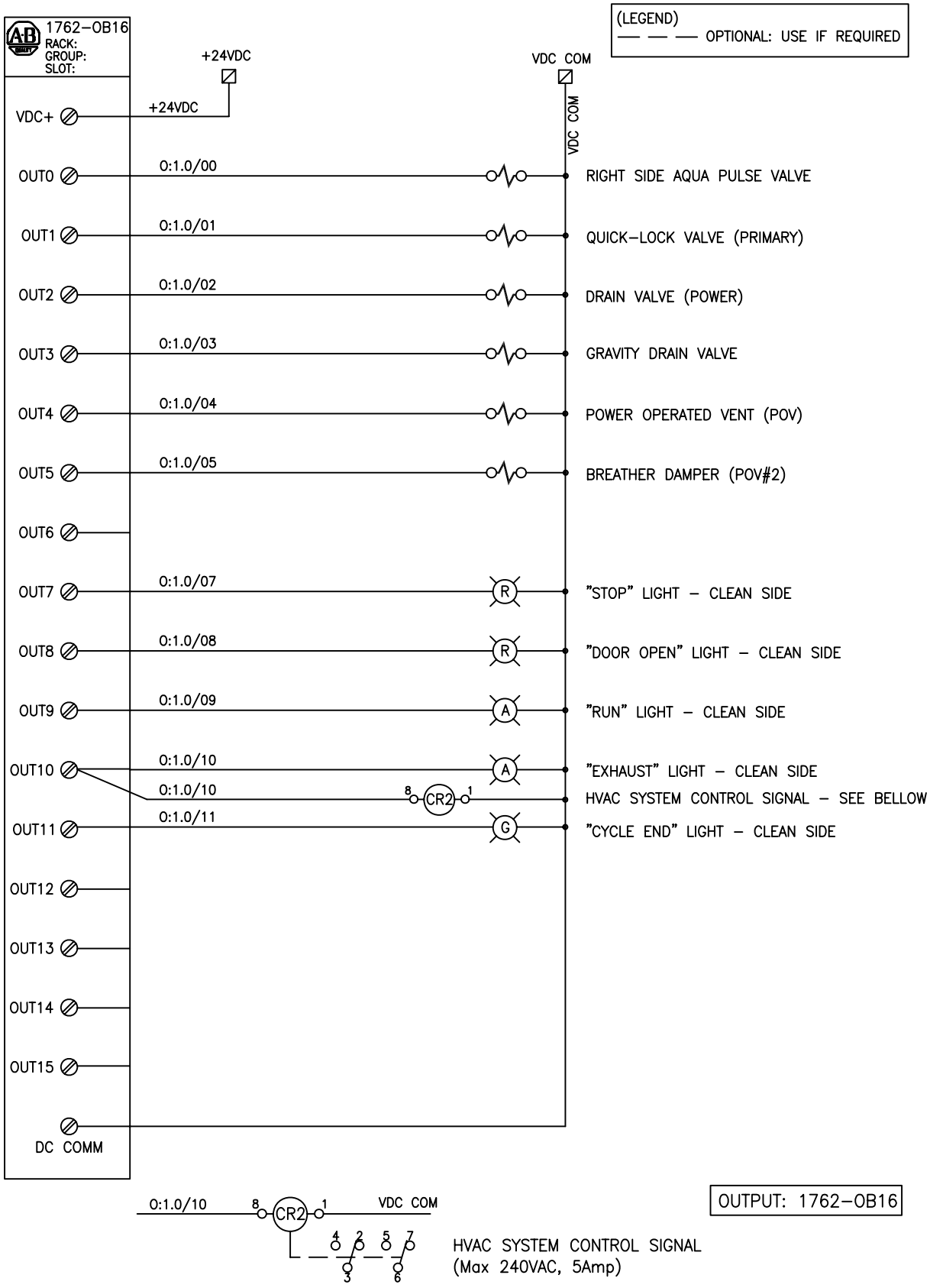
WASHER CONTROL SYSTEM
SW 6000 Series

PLC OUTPUT CARD DO–0

DWG No. 6000–DO–0



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WASHER CONTROL SYSTEM
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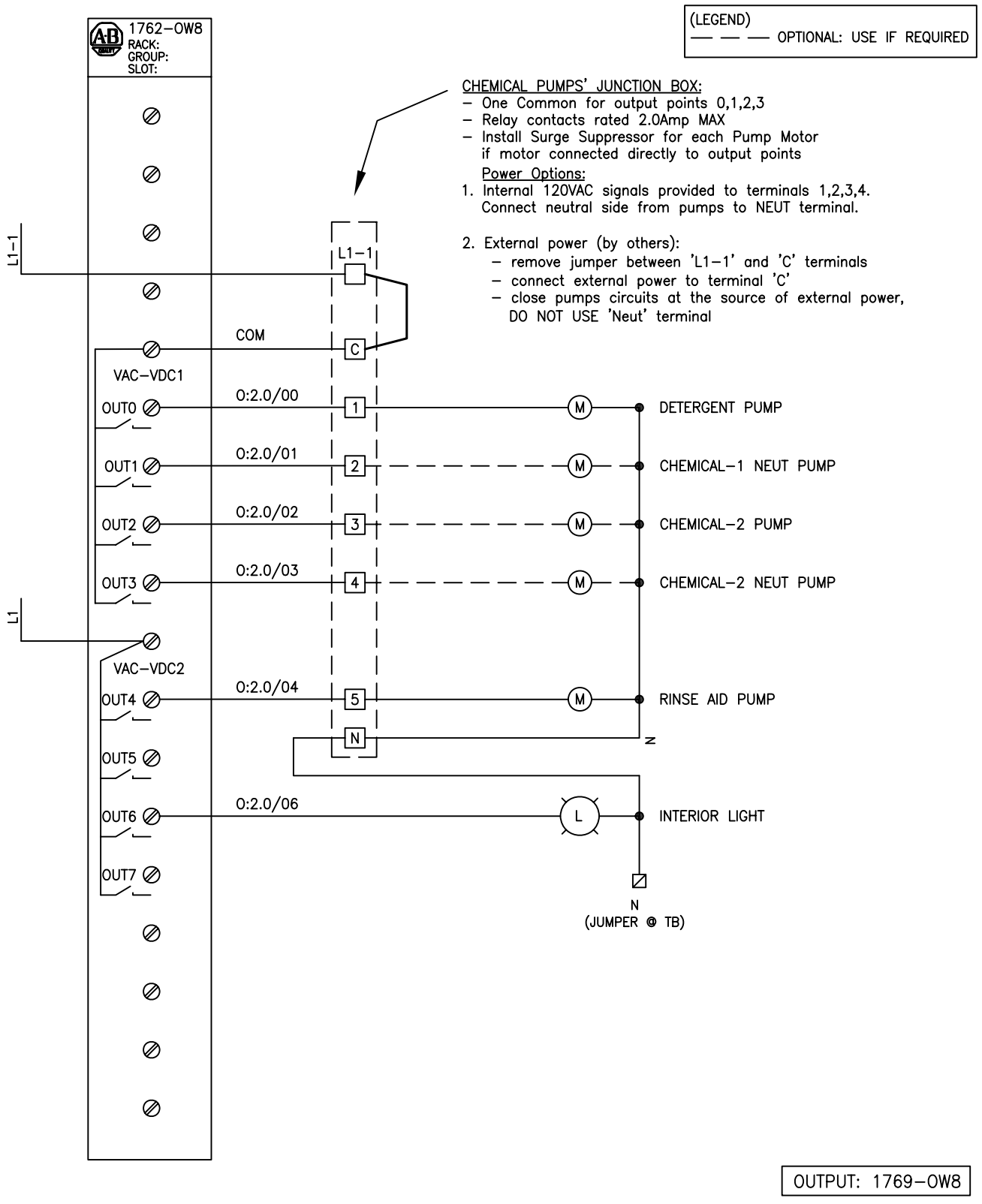
PLC OUTPUT CARD DO-1

DWG No. 6000-DO-1



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PLC OUTPUT CARD DO–2

DWG No. 6000–DO–2